

In the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method for the production of hollow grinding bodies ~~[[(9)]]~~ for the comminution of grinding stock, comprising
providing a casting mold ~~[[(1)]]~~ with a cavity ~~[[(2)]]~~ formed therein,
~~the arrangement of~~ arranging a casting core ~~[[(4)]]~~ in the cavity (2), ~~so that to produce a~~
shell-like interspace ~~[[(5)]]~~ adapted for receiving casting material ~~is obtained~~,
~~the introduction of~~ introducing holding elements ~~[[(6)]]~~ for holding the casting core
~~[[(4)]]~~,
~~the application of~~ applying a casing (71, 72, 73) onto the holding elements ~~[[(6)]]~~ in the
region of the interspace of metallic material which fuses with the casting material, and
~~[[the]]~~ pouring ~~[[of]]~~ the casting material into the interspace ~~[[(5)]]~~,
~~characterized in that, at least in the region of the interspace (5) for the casing (71, 72, 73),~~
~~a metallic material which fuses with the casting material is used.~~
2. (Currently Amended) The method as claimed in claim 1, ~~characterized in that~~ further
comprising locally varying the thickness of the metallic casing (71, 72, 73) ~~is varied locally.~~
3. (Currently Amended) The method as claimed in ~~one of the preceding claims~~ claim 1
or 2, ~~characterized in that~~ wherein the metallic casing (71, 72, 73) is applied over a length such
that an excess length projecting of the metallic casing projects into the region of the casting core
~~(4) and/or of the casting mold (1) is obtained.~~
4. (Currently Amended) The method as claimed in claim 3, ~~characterized in that~~
wherein the excess length amounts to between one and two thirds of the diameter of the holding
elements ~~[[(6)]]~~.
5. (Currently Amended) The method as claimed in ~~one of the preceding claims~~ claim 1
or 2, ~~characterized in that~~ further comprising applying an insulating intermediate layer (8) ~~is~~

~~produced under~~ to the metallic casing (71, 72, 73) before the pouring of the casting material into the interspace.

6. (Currently Amended) The method as claimed in claim ~~[[5]]~~ 1 or 2, ~~characterized in that wherein~~ an air layer is ~~[[used]]~~ produced as an insulating intermediate layer under the metallic casing.

7. (Currently Amended) The method as claimed in one of the preceding claims ~~one of the preceding claims~~ claim 1 or 2, ~~characterized in that wherein the metallic material of the casing is structural steel or boiler plate is used as metallic material.~~

8. (Currently Amended) The method as claimed in ~~one of the preceding claims~~ claim 1 or 2, ~~characterized in that wherein~~ spherical grinding bodies are produced.

9. (Canceled)

10. (Currently Amended) The grinding body as claimed in claim ~~[[9]]~~ 14, ~~characterized in that the thickness of the casing (71, 72, 73) is local~~ varies locally.

11. (Currently Amended) The grinding body as claimed in claim ~~[[9]]~~ 14 or 10, ~~characterized in that further comprising an intermediate layer (8) is arranged between the casing (71, 72, 73) casings and the holding elements [[(6)]]~~.

12. (Currently Amended) The grinding body as claimed in ~~either one of claims 10 and claim 11~~, ~~characterized in that wherein the metallic material of the casings is structural steel or boiler plate is used as metallic material.~~

13. (Currently Amended) The grinding body as claimed in ~~one of claims 9 to 12~~ claim 10 or 14, ~~characterized in that it is in the form of a grinding sphere [[(9)]]~~.

14. (New) A grinding body for the comminution of grinding stock, comprising a hollow body shell, orifices formed in the hollow body shell receiving holding elements and a casting core held in the holding elements, the holding elements having casings of a metallic material fused thereon so as to border the orifices.

15. (New) The grinding body as claimed in claim 14, wherein the metallic material of the casings is structural steel or boiler plate.